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INFORMATION DISCLOSURE

STATEMENT BY APPLICANT

Date Submitted: December 19, 2007

as many sheets as necessary)

1 of 26

Complete if Known

Application Number	10/567,139
Filing Date	08/06/2004
First Named Inventor	Jean Michel MARTIN
Art Unit	3682
Examiner Name	Unassigned
Attorney Docket Number	023971-0642

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
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Examiner Signature	/James Pilkington/	Date Considered	06/22/2009
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Sheet 2 of 26

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Art Unit	3682
Examiner Name	Unassigned
Attorney Docket Number	023971-0642

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Examiner
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Date Submitted: December 19, 2007

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Sheet 3 of 26

Complete if Known

Application Number 10/567,139
 Filing Date 08/06/2004
 First Named Inventor Jean Michel MARTIN
 Art Unit 3682
 Examiner Name Unassigned
 Attorney Docket Number 023971-0642

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT			Application Number	10/567,139	
			Filing Date	08/06/2004	
Date Submitted: December 19, 2007			First Named Inventor	Jean Michel MARTIN	
			Art Unit	3682	
(use as many sheets as necessary)			Examiner Name	Unassigned	
			Attorney Docket Number	023971-0642	
Sheet	4	of	26		

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Examiner Signature	/James Pilkington/	Date Considered	06/22/2009
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Sheet 5 of 26

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Examiner
Signature

/James Pilkington/

Date
Considered

06/22/2009

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**INFORMATION DISCLOSURE
 STATEMENT BY APPLICANT**

Date Submitted: December 19, 2007

(use as many sheets as necessary)

Complete If Known

Application Number	10/567,139
Filing Date	08/06/2004
First Named Inventor	Jean Michel MARTIN
Art Unit	3682
Examiner Name	Unassigned
Attorney Docket Number	023971-0642

Sheet 6 of 26

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Examiner
Signature

/James Pilkington/

Date
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Substitute for form 1449/PTO			Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: December 19, 2007 <i>(use as many sheets as necessary)</i>			Application Number	10/567,139	
			Filing Date	08/06/2004	
			First Named Inventor	Jean Michel MARTIN	
			Art Unit	3682	
			Examiner Name	Unassigned	
Sheet	7	of	26	Attorney Docket Number	023971-0642

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Examiner Signature	/James Pilkington/	Date Considered	06/22/2009
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**INFORMATION DISCLOSURE
 STATEMENT BY APPLICANT**

Date Submitted: December 19, 2007

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Complete if Known

Application Number	10/567,139
Filing Date	08/06/2004
First Named Inventor	Jean Michel MARTIN
Art Unit	3682
Examiner Name	Unassigned
Attorney Docket Number	023971-0642

Sheet 8 of 26

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Signature

/James Pilkington/

Date
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**INFORMATION DISCLOSURE
 STATEMENT BY APPLICANT**

Date Submitted: December 19, 2007

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Sheet 9 of 26

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Application Number 10/567,139
 Filing Date 08/06/2004
 First Named Inventor Jean Michel MARTIN
 Art Unit 3682
 Examiner Name Unassigned
 Attorney Docket Number 023971-0642

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Examiner Initials*	Cite No.	U.S. Patent Application Document Serial Number-Kind Code ² (r known)	Filing Date of Cited Document MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A373	10/911741	05-05-2004	UENO	

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Examiner Signature	/James Pilkington/	Date Considered	06/22/2009
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/567,139
Date Submitted: December 19, 2007		Filing Date	08/06/2004
(use as many sheets as necessary)		First Named Inventor	Jean Michel MARTIN
		Art Unit	3682
		Examiner Name	Unassigned
		Attorney Docket Number	023971-0642
Sheet	11	of	26

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Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ² Number ³ Kind Code ⁴ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁵
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	A415	WO-02/24970-A2	03-28-2002	FEDERAL MOGUL BURSCHEID GMBH, ET AL.		
	A416	WO-02/32625-A2	04-25-2002	3M INNOVATIVE PROPERTIES COMPANY		
	A417	WO-02/44440-A1	06-06-2002	ESSILOR INTERNATIONAL		
	A418	WO-03/009978-A1	02-06-2003	AMERICAN SAW & MFG. COMPANY		
	A419	WO-03/013990-A1	02-20-2003	STAPEL/GUIDER CORP.		
	A420	WO-03/020329-A1	03-13-2003	ESTROGEN VASCULAR TECHNOLOGY, LLC		
	A421	WO-03/021731-A1	03-13-2003	CYMER, INC.		
	A422	WO-03/031543-A2	04-17-2003	UNICHEMA CHEMIE B.V.		
	A423	WO-03/046508-A3	06-05-2003	BIOMICROARRAYS, INC.		
	A424	WO-03/054876-A1	07-03-2003	SEAGATE TECHNOLOGY, LLC		
	A425	WO-03/076309-A2	09-18-2003	FROST LINKS, INC.		
	A426	WO-03/078679-A1	09-26-2003	TEER COATINGS, LTD.		
	A427	WO-03/081758-A2	11-08-2003	SABEUS PHOTONICS, INC.		
	A428	WO-03/095009-A1	11-20-2003	PERLOS OYJ		

Examiner Signature	/James Pilkington/	Date Considered	06/22/2009
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Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/567,139
Date Submitted: December 19, 2007		Filing Date	08/06/2004
(use as many sheets as necessary)		First Named Inventor	Jean Michel MARTIN
		Art Unit	3682
		Examiner Name	Unassigned
Sheet	12	Attorney Docket Number	023971-0642
	of		26

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ² Number ³ Kind Code ⁴ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
	A429	WO-03/105134-A1	12-18-2003	SEAGATE TECHNOLOGY LLC		
	A430	JP-05-036004-U	05-18-1993			
	A431	JP-05-042616-U	06-11-1993			
	A432	JP-05-070879-A	03-23-1993	HONDA MOTOR CO., LTD.		
	A433	JP-06-264993-A	09-20-1994	NISSAN MOTOR CO., LTD.		
	A434	JP-06-284307-A	10-21-1994	SUMITOMO ELECTRIC IND. CO.		
	A435	JP-07-041386-A	10-02-1995			
	A436	JP-07-063135-A	03-07-1995	NIPPON INJECTOR KK		
	A437	JP-07-080553-A	04-04-1995	SHOJIRO MYAKE ET AL.		
	A438	JP-07-103238-A	04-18-1995	NIPPON ACHISON KK		
	A439	JP-07-118832-A	05-09-1995	TOYOTA MOTOR CORP.		
	A440	JP-07-286696-A	10-31-1995	HONDA MOTOR CO., LTD.		
	A441	JP-08-014014-A	01-16-1996	NISSAN MOTOR CO., LTD.		
	A442	JP-08-061499-A	03-08-1996	NOK SPARK PLUG CO., LTD.		
	A443	JP-08-128448-A	05-21-1996	KYOCERA CORP.		
	A444	JP-09-020981-A	01-21-1997	TOYO KOHAN CO., LTD.		
	A445	JP-09-253770-A	09-30-1997	MITSUBISHI ELECTRIC CORP.		
	A446	DE-100 17 459-A1	10-26-2000	NISSAN MOTOR CO., LTD.		
	A447	GB-1 005 638-	09-22-1965	SHELL INTERNATIONAL RESEARCH MAATSCHAPPIJ N.V.		
	A448	DE-100 61 397-A1	05-08-2002	DESCH ANTRIEBSTECHNIK GMBH & C		
	A449	JP-10-088369-A	04-07-1998	SANYO ELECTRIC CO.		
	A450	DE-101 58 683-A1	06-05-2003	TEA GMBH TECHNOLOGIEZENTRUM EM		
	A451	EP-1 018 291-B1	10-02-2002	MINNESOTA MINING AND MANUFACTURING COMPANY		
	A452	JP-10-265790-A	10-06-1998	IDEMITSU KOSAN CO., LTD.		
	A453	JP-10-298440-A	11-10-1998	NISSIN ELECTRIC CO., LTD.		
	A454	DE-103 18 135-A1	11-06-2003	DENSO CORP.		
	A455	DE-103 37 559-A1	03-10-2005	STANKIEWICZ GMBH		
	A456	EP-1 034 320-B1	12-19-2001	MINNESOTA MINING AND MANUFACTURING COMPANY		

Examiner Signature	/James Pilkington/	Date Considered	06/22/2009
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Date Submitted: December 19, 2007

(use as many sheets as necessary)

Complete if Known

Application Number	10/567,139
Filing Date	08/06/2004
First Named Inventor	Jean Michel MARTIN
Art Unit	3682
Examiner Name	Unassigned
Attorney Docket Number	023971-0642

Sheet 13 of 26

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	A457	EP-1 063 085-A1	12-27-2000	PREMARK RWP HOLDINGS, INC.		
	A458	EP-1 067 211-A1	01-10-2001	SUMITOMO ELECTRIC INDUSTRIES, LTD.		
	A459	EP-1 076 087-A1	02-14-2001	ETHYL CORPORATION		
	A460	EP-1 078 736-A1	02-28-2001	FUJI PHOTO FILM CO., LTD.		
	A461	EP-1 078 736-B1	01-28-2004	FUJI PHOTO FILM CO., LTD.		
	A462	EP-1 083 946-B1	12-03-2003	BLUE MEDICAL DEVICES B.V.		
	A463	JP-11-022423-A	01-26-1999	FUJI QOZX INC.		
	A464	EP-1 109 196-A1	06-20-2001	AXCELIS TECHNOLOGIES, INC.		
	A465	JP-11-190406-A	07-13-1999	SUZUKI MOTOR CORP.		
	A466	JP-11-287329-A	10-19-1999	EAGLE IND. CO., LTD.		
	A467	JP-11-282629-A	10-26-1999	MITSUBISHI PENCIL CO.		
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	A469	JP-11-333773-A	12-07-1999	NISSIN ELECTRIC CO. LTD.		
	A470	EP-1 154 012-A2	11-14-2001	INFINEUM INTERNATIONAL LIMITED		
	A471	EP-1 183 470-B1	03-06-2002	IMPERIAL COLLEGE OF SCIENCE, TECHNOLOGY AND MEDICINE		
	A472	EP-1 184 480-A2	03-06-2002	PREMARK RWP HOLDINGS, INC.		
	A473	EP-1 190 791-A3	04-03-2002	CAMCO INTERNATIONAL (UK) LIMITED		
	A474	EP-1 219 464-A2	07-03-2002	FUJI PHOTO FILM CO., LTD.		
	A475	EP-1 233 054-A1	08-21-2002	ETHYL CORPORATION		
	A476	EP-1 281 513-A2	02-06-2003	PREMARK RWP HOLDINGS, INC.		
	A477	EP-1 300 608-A2	04-09-2003	TSUBAKIMOTO CHAIN CO.		
	A478	EP-1 311 885-B1	03-23-2005	3M INNOVATIVE PROPERTIES COMPANY		
	A479	EP-1 338 641-B1	05-17-2006	NISSAN MOTOR CO., LTD.		
	A480	EP-1 340 605-A1	09-03-2003	MITSUBISHI DIAMOND INDUSTRIAL CO., LTD.		
	A481	EP-1 365 141-A1	11-26-2003	SIEMENS DIESEL SYSTEMS TECHNOLOGY VDO		
	A482	EP-1 378 271-A1	01-07-2004	MIZUNO CORPORATION		

Examiner Signature

/James Pilkington/

Date Considered

06/22/2009

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**INFORMATION DISCLOSURE
 STATEMENT BY APPLICANT**

Date Submitted: December 19, 2007

(use as many sheets as necessary)

Complete if Known

Application Number 10/567,139
 Filing Date 08/06/2004
 First Named Inventor Jean Michel MARTIN
 Art Unit 3682
 Examiner Name Unassigned
 Attorney Docket Number 023971-0642

Sheet 14 of 26

FOREIGN PATENT DOCUMENTS

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	A483	EP-1 411 145-A1	04-21-2004	NISSAN MOTOR COMPANY, LIMITED		
	A484	EP-1 418 353-A2	05-12-2004	NISSAN MOTOR COMPANY, LIMITED, ET AL.		
	A485	EP-1 440 775-A1	07-26-2004	THE GILLETTE COMPANY		
	A486	EP-1 445 119-A1	08-11-2004	FUJI PHOTO FILM CO., LTD.		
	A487	EP-1 475 557-A1	11-10-2004	DRESSER-RAND COMPANY		
	A488	EP-1 481 699-A1	12-01-2004	M. GOLDOWSKY		
	A489	EP-1 482 190-A2	12-01-2004	NISSAN MOTOR CO., LTD.		
	A490	EP-1 498 597-A1	07-17-2003	SOREVI S.A.		
	A491	EP-1 510 594-A2	03-02-2005	NISSAN MOTOR CO., LTD., ET AL.		
	A492	EP-1 512 781-A2	03-09-2005	L.G.L. ELECTRONICS S.P.A.		
	A493	RU-1770350-A1	10-23-1992	SHEBALIN ALEKSANDR, ET AL.		
	A494	DE-195 07 086-A1	09-05-1996	DANFOSS A/S		
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	A496	DE-197 04 224-A1	08-21-1997	VOLKSWAGN AG		
	A497	DE-198 25 860-A1	12-16-1999	ELGAN- DIAMANTWERKZEUGE GMBH & CO.		
	A498	JP-2000-088104-A	03-31-2000	NISSAN MOTOR CO., LTD.		
	A499	JP-2000-119843-A	04-25-2000	KOBE STEEL LTD.		
	A500	JP-2000-170768-A	06-20-2000	EAGLE IND. CO., LTD.		
	A501	JP-2000-267373-A	10-24-2000	Miyake Shojiro, ET AL.		
	A502	JP-2000-327484-A	11-28-2000	KAWASAKI HEAVY IND.		
	A503	JP-2000-339083-A	12-08-2000	SANYO ELECTRIC CO., LTD.		
	A504	JP-2000-504089-A	04-04-2000	SUMITOMO ELECTRIC IND. LTD.		
	A505	JP-2001-062605-A	03-13-2001	SUMITOMO ELECTRIC IND. LTD.		
	A506	JP-2001-064005-A	03-13-2001	SUMITOMO ELECTRIC IND. LTD.		
	A507	JP-2001-093141-A	04-06-2001	FUJITSU LTD.		
	A508	JP-2001-172766-A	06-26-2001	SUMITOMO ELECTRIC IND., LTD.		
	A509	JP-2001-192864-A	07-17-2001	SUMITOMO ELECTRIC IND. LTD.		
	A510	JP-2001-269938-A	10-02-2001	SUMITOMO ELECTRIC INDUSTRIES		
	A511	JP-2001-280236-A	10-10-2001	TAIHO KOGYO CO., LTD.		

Examiner
Signature

/James Pilkington/

Date
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06/22/2009

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			Filing Date	08/06/2004	
			First Named Inventor	Jean Michel MARTIN	
			Art Unit	3682	
			Examiner Name	Unassigned	
Sheet	15	of	26	Attorney Docket Number	023971-0642

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	A642	JP-2004-016688-A	11-10-2001	SHOJIRO MIYAKE ET AL.		
	A513	JP-2002-265968-A	09-18-2002	IINO ET AL.		
	A514	JP-2002-309912-A	10-23-2002	NISSAN MOTOR CO., LTD., ET AL.		
	A515	JP-2002-332571-A	11-22-2002	DENSO CORP. ET AL.		
	A516	JP-2003-013163-A	01-15-2003	TOYOTA MOTOR CORP.		
	A517	JP-2003-013799-A	01-15-2003	HONDA MOTOR CO., LTD.		
	A518	JP-2003-025117-A	01-29-2003	NACHI FUJIKOSHI CORP.		
	A519	JP-2003-028174-A	01-29-2003	NSK LTD		
	A520	JP-2003-088939-A	03-25-2003	SUMITOMO ELECTRIC IND., LTD.		
	A521	JP-2003-113941-A	04-18-2003	NIPPON PISTON RING CO LTD.		
	A522	JP-2003-147508-A	05-21-2003	SUMITOMO ELECTRIC INDUSTRIES		
	A523	WO-2004/001804-A2	12-31-2003	BYRON J. ZIEGLER		
	A524	WO-2004/004998-A1	01-15-2004	SIGNATURE CONTROL SYSTEMS, INC.		
	A525	WO-2004/019809-A2	03-11-2004	BOARD OF TRUSTEES OF THE UNIVERSITY OF ARKANSAS		
	A526	WO-2004/024206-A1	03-25-2004	ESTROGEN VASCULAR TECHNOLOGY, LLC		
	A527	WO-2004/026359-A1	04-01-2004	ADVANCED CARDIOVASCULAR SYSTEMS, INC.		
	A528	WO-2004/026500-A2	04-01-2004	EVENTURE GLOBAL TECHNOLOGY CORPORATION		
	A529	WO-2004/036169-A1	04-29-2004	HELIUS TECHNOLOGY CORPORATION		
	A530	WO-2004/036292-A2	04-29-2004	INTELLIMATS, LLC		
	A531	WO-2004/038701-A2	05-06-2004	BARNES ET AL.		
	A532	WO-2004/043631-A1	05-27-2004	HONEYWELL INTERNATIONAL INC.		
	A533	WO-2004/048126-A2	06-10-2004	FROST INC.		
	A534	WO-2004/067466-A1	08-12-2004	3M INNOVATIVE PROPERTIES CO.		
	A535	WO-2004/068530-A1	08-12-2004	3M INNOVATIVE PROPERTIES CO.		
	A536	WO-2004/071670-A1	08-26-2004	SCION SPRAYS LIMITED		
	A537	WO-2004/072959-A2	08-26-2004	INTEVAC, INC.		

Examiner Signature	/James Pilkington/	Date Considered	06/22/2009
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 First Named Inventor Jean Michel MARTIN
 Art Unit 3682
 Examiner Name Unassigned
 Attorney Docket Number 023971-0642

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	A538	WO-2004/078424-A2	09-16-2004	IRWIN INDUSTRIAL TOOL COMPANY		
	A539	WO-2004/084773-A1	10-07-2004	L. FEWELL		
	A540	WO-2004/088113-A1	10-14-2004	SOREVI S.A.		
	A541	JP-2004-036788-A	02-05-2004	NSK LTD		
	A542	JP-2004-155891-A	06-03-2004	NIPPON OIL CORP., ET AL.		
	A543	RU-2004586-C1	12-15-1993	TRANSNATSIONALNAYA MEZHOTRASLE, ET AL.		
	A544	WO-2005/010596-A2	02-03-2005	CORNING INCORPORATED		
	A545	WO-2005/011744-A2	02-10-2005	ALCON, INC.		
	A546	WO-2005/014760-A1	02-17-2005	NIPPON OIL CORP., ET AL.		
	A547	WO-2005/014761-A2	02-17-2005	NISSAN MOTOR CO., LTD., ET AL.		
	A548	WO-2005/014763-A1	02-17-2005	NIPPON OIL CORPORATION, ET AL.		
	A549	WO-2005/014882-A1	02-17-2005	N.V. BEKAERT S.A.		
	A550	WO-2005/016620-A2	02-24-2005	STANKIEWICZ GMBH		
	A551	WO-2005/021851-A1	03-10-2005	N.V. BEKAERT S.A.		
	A552	WO-2005/025844-A1	03-24-2005	NEW MEDIUM ENTERPRISES, INC. ET AL.		
	A553	WO-2005/034791-A1	04-21-2005	F. SHAYGAN		
	A554	WO-2005/037144-A2	04-28-2005	CELLULAR BIOENGINEERING, INC.		
	A555	WO-2005/037985-A2	04-28-2005	CELLULAR BIOENGINEERING, INC.		
	A556	WO-2005/040451-A1	05-06-2005	V. GOROKHOVSKY		
	A557	WO-2005/042064-A1	05-12-2005	VENTRACOR LIMITED ET AL.		
	A558	WO-2005/047737-A1	05-26-2005	THE TIMKEN COMPANY		
	A559	JP-2005-068529-A	03-17-2005	NAT INST OF ADV IND & TECHNOLOGY		
	A560	WO-2006/075219-A2	07-20-2006	NISSAN MOTOR CO., LTD., ET AL.		
	A561	CA-2009582-	08-24-1990	MCDONNELL DOUGLAS CORPORATION		
	A562	RU-2153782-C1	07-27-2000	S LTD ET AL.		
	A563	GB-2 338 716-A	12-29-1999	MCLAUGHLIN ET AL.		
	A564	FR-269689-A1	05-29-1992	RENAULT		
	A565	EP-0 286 996-A3	10-19-1988	IDEMITSU KOSAN CO., LTD.		
	A566	EP-0 291 006-B1	01-02-1992	IDEMITSU KOSAN CO., LTD.		
	A567	EP-0 299 785-A2	01-18-1989	ETHYL CORPORATION		

Examiner Signature

/James Pilkington/

Date Considered

06/22/2009

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Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/567,139
Date Submitted: December 19, 2007		Filing Date	08/06/2004
(use as many sheets as necessary)		First Named Inventor	Jean Michel MARTIN
		Art Unit	3682
		Examiner Name	Unassigned
Sheet	17 of 26	Attorney Docket Number	023971-0642

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ² Number ³ Kind Code ⁴ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
	A568	EP-0 308 143-A1	03-22-1989	AMERICAN TELEPHONE AND TELEGRAPH COMPANY		
	A569	EP-0 308 143-B1	11-24-1993	AMERICAN TELEPHONE AND TELEGRAPH COMPANY		
	A570	EP-0 333 416-A1	09-20-1989	HONDA GIKEN KOGYO KABUSHIKI KAISHA		
	A571	EP-0 378 378-B1	01-04-1995	FORD MOTOR COMPANY LIMITED, ET AL.		
	A572	EP-0 384 772-A1	08-29-1990	MCDONNELL DOUGLAS CORP.		
	A573	EP-0 388 800-B1	12-27-1996	THE BOARD OF TRUSTEES OF THE MICHIGAN STATE UNIVERSITY		
	A574	EP-0 388 800-A2	09-26-1990	THE BOARD OF TRUSTEES OF THE MICHIGAN STATE UNIVERSITY		
	A575	EP-0 391 125-B1	10-17-1990	SHIN-ETSU CHEMICAL CO., LTD.		
	A576	EP-0 392 125-A1	10-17-1990	SHIN-ETSU CHEMICAL CO., LTD.		
	A577	EP-0 396 603-B1	06-26-1996	SUOMEN ITSENISYYDEN JUHLARAHASTO SITRA		
	A578	EP-0 398 985-B1	11-28-1990	BRITISH TECHNOLOGY GROUP LIMITED		
	A579	EP-0 407 977-A1	01-16-1991	IDEMITSU KOSAN COMPANY LIMITED		
	A580	EP-0 435 312-A1	07-03-1991	KABUSHIKI KAISHA TOYOTA CHUO KENKYUSHO		
	A581	EP-0 474 369-A1	03-11-1992	UNITED KINGDOM ATOMIC ENERGY AUTHORITY		
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	A583	EP-0 500 253-A1	08-26-1992	SUMITOMO ELECTRIC INDUSTRIES, LTD.		
	A584	EP-0 511 153-A1	10-28-1992	MULTI-ARC SCIENTIFIC COATINGS		
	A585	JP-52-006318-	01-18-1977	NIPPON PISTON RING CO., LTD.		
	A586	EP-0 529 327-A1	03-03-1993	HOECHST CERAM TEC AG		

Examiner Signature	/James Pilkington/	Date Considered	06/22/2009
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Receipt date: 12/19/2007

10567139 TO: 69-01-01566

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: December 19, 2007 (use as many sheets as necessary)		Application Number	10/567,139
		Filing Date	08/06/2004
		First Named Inventor	Jean Michel MARTIN
		Art Unit	3682
		Examiner Name	Unassigned
Sheet	19	of	26
		Attorney Docket Number	023971-0642

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	A605	EP-0 656 458-B1	02-03-1999	BAKER HUGHES INCORPORATED		
	A606	EP-0 661 470-A2	07-05-1995	STARLITE CO., LTD.		
	A607	EP-0 791 198-B1	05-08-1999	GENERAL MOTORS CORP.		
	A608	EP-0 757 615-B1	02-12-1997	THE GILLETTE COMPANY		
	A609	EP-0 759 519-A2	02-26-1997	ALCAN GMBH		
	A610	GB-0 768 226-	02-13-1957	HOECHST AG		
	A611	EP-0 778 902-B1	09-12-2001	MINNESOTA MINING AND MANUFACTURING COMPANY		
	A612	EP-0 816 112-A3	10-07-1998	CORNING INCORPORATED		
	A613	EP-0 818 622-A1	01-14-1998	FORD GLOBAL TECHNOLOGIES, INC.		
	A614	EP-0 826 790-A1	03-04-1998	PREMARK RWP HOLDINGS, INC.		
	A615	EP-0 826 790-B1	03-04-1998	PREMARK RWP HOLDINGS, INC.		
	A616	EP-0 842 754-B1	03-31-2004	TORAY INDUSTRIES, INC.		
	A617	EP-0 842 754-A1	05-20-1998	TORAY INDUSTRIES, INC.		
	A618	EP-0 845 154-B1	11-10-1999	E.I. DU PONT DE NEMOURS AND CO., ET AL.		
	A619	EP-0 850 126-B1	01-24-2001	WARNER-LAMBERT COMPANY		
	A620	EP-0 850 133-B1	07-01-1998	VINIDEX PTY. LTD.		
	A621	EP-0 862 395-B1	04-07-2004	WRIGHT MEDICAL TECHNOLOGY, INC.		
	A622	EP-0 870 820-A1	10-14-1998	CHEVRON CHEMICAL COMPANY LLC		
	A623	EP-0 882 759-B1	06-04-2003	TORAY INDUSTRIES, INC.		
	A624	EP-0 882 759-A1	12-09-1998	TORAY INDUSTRIES, INC.		
	A625	WO-89/06338-A1	07-13-1989	THE COMMONWEALTH OF AUSTRALIA		
	A626	WO-89/06707-A1	07-27-1989	THE NATIONAL RESEARCH DEVELOPMENT CORPORATION		
	A627	WO-89/06708-A1	07-27-1989	ANTILA ET AL.		
	A628	EP-0 893 677-B1	01-16-2002	HELIUS TECHNOLOGY CORPORATION		
	A629	EP-0 905 221-A1	03-31-1999	NCH CORPORATION		
	A630	EP-0 905 419-A2	03-31-1999	TEIKOKU PISTON RING CO., LTD.		

Examiner Signature	/James Pilkington/	Date Considered	06/22/2009
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Date Submitted: December 19, 2007		Filing Date	08/06/2004
(use as many sheets as necessary)		First Named Inventor	Jean Michel MARTIN
		Art Unit	3682
		Examiner Name	Unassigned
Sheet	20	Attorney Docket Number	023971-0642

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	A631	WO-92/02602-A1	02-20-1992	EXXON CHEMICAL PATENTS INC.		
	A632	WO-92/06843-A1	04-30-1992	DIAMONEX, INCORPORATED		
	A633	WO-92/19425-A2	11-12-1992	THE GILLETTE COMPANY		
	A634	WO-93/21288-A1	10-28-1993	EXXON CHEMICAL PATENTS INC.		
	A635	WO-93/21289-A1	10-28-1993	EXXON CHEMICAL PATENTS INC.		
	A636	WO-93/24828-A1	12-09-1993	THE VICTORIA UNIVERSITY OF MANCHESTER		
	A637	EP-0 949 200-A1	10-13-1999	R-AMTECH INTERNATIONAL, INC.		
	A638	WO-95/20253-A2	07-27-1995	QOC, INC.		
	A639	WO-95/20944-A1	11-02-1995	THE GILLETTE COMPANY		
	A640	WO-95/29273-A1	11-02-1995	COBRAIN N.V.		
	A641	WO-95/31584-A1	11-23-1995	QOC, INC.		
	A642	EP-0 950 123-B1	10-20-1999	KENNAMETAL INC.		
	A643	WO-96/04485-A1	02-15-1996	PANKL, ET AL		
	A644	WO-96/05333-A1	02-22-1996	MINNESOTA MINING AND MANUFACTURING COMPANY		
	A645	WO-96/05942-A1	02-29-1996	MINNESOTA MINING AND MANUFACTURING COMPANY		
	A646	WO-96/06961-A1	03-07-1996	DEPOSITION SCIENCES, INC.		
	A647	WO-96/12389-A1	04-25-1996	EDSI, INC.		
	A648	WO-96/24488-A1	08-15-1996	SI DIAMOND TECHNOLOGY		
	A649	WO-96/04046-A1	12-19-1996	ADVANCED REFRACTORY TECHNOLOGIES, INC.		
	A650	WO-97/07531-A1	02-27-1997	E.I. DU PONT DE NEMOURS AND COMPANY		
	A651	WO-97/10093-A1	03-20-1997	VINDEXTUBE MAKERS PTY. LIMITED		
	A652	WO-97/10940-A1	03-27-1997	UPONOR B.V.		
	A653	WO-97/14555-A1	04-24-1997	ADVANCED REFRACTORY TECHNOLOGIES, INC.		
	A654	WO-97/16138-A1	05-09-1997	WRIGHT MEDICAL TECHNOLOGY, INC.		
	A655	EP-0 971 812-B1	10-23-2002	UPONOR INNOVATION AB		

Examiner Signature	/James Pilkington/	Date Considered	06/22/2009
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Date Submitted: December 19, 2007		Filing Date	08/06/2004
(use as many sheets as necessary)		First Named Inventor	Jean Michel MARTIN
		Art Unit	3682
		Examiner Name	Unassigned
		Attorney Docket Number	023971-0642
Sheet	21	of	26

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	A656	WO-98/02715-A1	01-22-1998	PHASE METRICS		
	A657	WO-98/12994-A1	04-02-1998	ERIKSSON, ET AL.		
	A658	WO-98/13528-A1	04-02-1998	KENNAMETAL INC.		
	A659	WO-98/47141-A1	10-22-1998	DIGITAL PAPYRUS CORPORATION		
	A660	WO-99/09547-A1	02-25-1999	SEAGATE TECHNOLOGY, INC.		
	A661	WO-99/12404-A1	03-11-1999	MINNESOTA MINING AND MANUFACTURING COMPANY		
	A662	WO-99/14512-A1	03-25-1999	SKF INDUSTRIAL TRADING & DEVELOPMENT COMPANY B.V.		
	A663	WO-99/16371-A1	04-08-1999	BOSTON SCIENTIFIC CORP.		
	A664	WO-99/22694-A2	05-14-1999	C. KING		
	A665	WO-99/27157-A1	06-03-1999	MINNESOTA MINING AND MANUFACTURING COMPANY		
	A666	WO-99/29477-A1	06-17-1999	ADVANCED REFRACTORY TECHNOLOGIES, INC.		
	A667	WO-99/31557-A1	06-24-1999	ALUMINUM COMPANY OF AMERICA		
	A668	WO-99/34385-A1	07-08-1999	ALFAR INTERNATIONAL LTD.		
	A669	WO-99/46847-A1	09-16-1999	SKF ENGINEERING AND RESEARCH CENTRE B.V.		
	A670	WO-99/54520-A1	10-28-1999	VALMET CORP.		
	A671	WO-99/54934-A1	10-28-1999	CVC PRODUCTS, INC.		
	A672	WO-99/57743-A1	11-11-1999	GIVARGIZOV		
	A673	WO-99/62077-A1	12-02-1999	ADVANCED REFRACTORY TECHNOLOGIES, INC.		
	A674	WO-99/62572-A1	12-09-1999	N.V. BEKAERT S.A.		
	A675	IE-990532-A1	03-21-2001	PAUL DAMIAN MAGUIRE		
	A676	WO-2007/088649	08-09-2007	NISSAN MOTOR ET AL.		

NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.				T ⁶

Examiner Signature	/James Pilkington/	Date Considered	06/22/2009
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 STATEMENT BY APPLICANT**

Date Submitted: December 19, 2007

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First Named Inventor	Jean Michel MARTIN
Art Unit	3682
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Attorney Docket Number	023971-0642

Sheet 22 of 26

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	A677	"Aluminium Alloy Die Castings," Japanese Industrial Standard (JIS H 5302), 2000, pages 1-13.	
	A678	"Aluminium Alloy Die Castings," JIS H5302, (2000), pp. 1670-1681.	
	A679	"Aluminium Alloys Castings", Japanese Industrial Standard (JIS H 5202), 1999 (pages 1637-1646).	
	A680	"Assessment of 2nd to 5th Order Irregularities of Surface Configuration by Means of Sections of Surfaces Definitions Relating to Reference System and Dimensions," DIN 4762, UDC 621-288:001.4 (August 1960), pp. 1-4.	
	A681	"Carbon Steels for Machine Structural Use", Japanese Industrial Standard (JIS G 4051), 1979, pages 1-10.	
	A682	"Carbon Steels for Machine Structural Use", Japanese Industrial Standard (JIS G 4051), 1979, pages 1381-1383.	
	A683	"Chromium Molybdenum Steels," Japanese Industrial Standard (JIS G 4496), 1970, pages 1-11.	
	A684	"Chromium Steels," Japanese Industrial Standard (JIS G 4494), 1970, pages 1-9.	
	A685	"Geometrical Product Specifications (GPS) - Surface texture: Profile method - Terms, definitions and surface texture parameters", Japanese Industrial Standard (JIS B 0601) Machine Elements, 2003, pages 6, 7, 263-287, and 2586.	
	A686	"Geometrical Product Specifications (GPS) - Surface Texture: Profile Method - Terms, Definitions and Surface Texture Parameters," International Standard, ISO 4287, TC 213 (1997), pp. 1-25.	
	A687	"Grey iron castings", Japanese Industrial Standard (JIS G 5501), pages 2075-2077.	
	A688	"Stainless Steel Bars", Japanese Industrial Standard (JIS G 4303), pages 1457-1477.	

Examiner
Signature

/James Pilkington/

Date
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Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/567,139
Date Submitted: December 19, 2007		Filing Date	08/06/2004
(use as many sheets as necessary)		First Named Inventor	Jean Michel MARTIN
		Art Unit	3682
		Examiner Name	Unassigned
Sheet	23	Attorney Docket Number	023971-0642
	of		26

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.†	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	A689	"Standard Practice for Codification of Certain Nonferrous Metals and Alloys, Cast and Wrought1", ASTM International, Designation: B 275-02, June 2002, pages 1-7.	
	A690	"Standard Test Method for Calibration and Operation of the Falex Block-on-Ring Friction and Wear Testing Machine", ASTM Designation: D2714 - 88, 01/1989, pages 383-386.	
	A691	"Standard Test Method for Separation of Representative Aromatics and Nonaromatics Fractions of High-Bolling Oils by Elution Chromatography", ASTM Standards, Designation: D 2549 - 9T (Reapproved 1995), pages 895-900.	
	A692	Ajayi, O., et al., "Effect of Carbon Coating on Scuffing Performance in Diesel Fuels," Tribology Transactions, Vol. 44, 2001, pages 298-304.	
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	A694	API Motor Oil Guide, "Which Oil is Right for You", American Petroleum Institute, Copyright 2002.	
	A695	D.G. Watson et al., "Engineering Drawing Practice," XP002281300, University of Hertfordshire, Sept. 1991, page 29, Figure 38.	
	A696	Dr. Marx, "Surfaces and Contact Mechanics", XP-002233233, Google, Retrieved from the Internet, 2003-03-03, pgs 1-18.	

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	A697	E. Mayer-Rassler, "Neuartige Laufflächen-Schutzverfahren für Kolben von Verbrennungsmotoren", VDI-Zeitschrift Bd., April 18, 1942, Vol. 86, No. 15-16, pages 243-247.	
	A698	Engine Oil Viscosity Classification - SAE J300 revised April 1997, pg. 133.	
	A699	Fujimori, N., et al., "Characterization of Conducting Diamond Films," Vacuum, Vol. 36, Nos. 1-3, 1996, pages 99-102.	
	A700	GAHLIN, Rickard et al., "ME-C:H Coatings in Motor Vehicles," WEAR 249, 2001, pp. 302-309.	
	A701	Hershberger, J., et al., "Friction and Wear Behavior of Near-Frictionless Carbon Coatings in Formulated Gasolines," Surface & Coating Technology, 183, 2004, pages 111-117	
	A702	Hershberger, J., et al., "Evaluation of DLC Coatings for Spark-Ignited, Direct-Injected Fuel Systems," Surface & Coatings Technology, 179, 2004, pages. 237-244.	
	A703	International Standard "Application of Carbides for Machining by Chip Removal - Designation of the Main Groups of Chip Removal and Groups of Application," ISO 513, (1975), pp. 67-69.	
	A704	International Standard, "Petroleum products - Determination of base number - Perchloric acid potentiometric titration method", ISO 3771, second edition 8-15-1994, pages 1-8.	

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	A705	Japanese Industrial Standard "Aluminium Alloy Castings," JIS H5202, (1999), pp. 1-17.	
	A706	Japanese Industrial Standard Handbook, "Machine Elements", 2003, pages 262-286 and 2586.	
	A707	Japanese Industrial Standard, "High Carbon Chromium Bearing Steels", JIS C 4806, 1999, pages 1-31 (with translation).	
	A708	Japanese Industrial Standard, "Structural Steels with Specified Hardenability Bands", JIS G 4052, 1979, pages 2414, 2415, 1390-1403, 1410 and 1411.	
	A709	JIS Japanese Industrial Standard; "Surface Roughness - Definitions and Designation"; JIS B 0601; 1994. (w/Translation).	
	A710	JIS Japanese Industrial Standard; "Vickers Hardness Test - Test Method"; JIS Z 2244; 1998; (w/Translation).	
	A711	K. Holmberg et al., "Tribological Characteristics of Diamond-like Carbon Coatings," VTT Symposium, Technical Research Centre of Finland, XP000570636, 1994, pages 24-238.	
	A712	Kano et al., "Friction Characteristics of a Hard Carbon Film in Engine Oil, (No. 2) (Surface Analysis Result of Sliding Surface)," Japan Tribology Congress 1999, 5, pages 11-12.	

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	A713	Kano et al., "The Effect of ZDDP and MODTC Additives on Friction Properties of DLC and Steel Cam Follower in Engine Oil", Abstracts of Papers from 2nd World Tribology Congress, Sept. 3-7, 2001, page 342.	
	A714	Kovalchenko, A., et al., "Friction and Wear Performance of Low-Friction Carbon Coatings Under Oil Lubrication," Energy Technology Div., Argonne National Laboratory.	
	A715	Patent/Literature Search Report, Bawa Biotechnology Consulting, LLC, June 3, 2005 (201 pages).	
	A716	RONKAINEN, HELENA, "Tribological Properties of Hydrogenated and Hydrogen-Free Diamond-Like Carbon Coatings," Dissertation for the Degree of Doctor of Science in Technology, VTT Publications No. 434	
	A717	STEVE J. BULL et al., "High-Performance Diamond and Diamond-like Coatings", JOM, April 1995, pages 16-19, Vol. 47, No. 4, XP 000500980.	

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